```
FILE 'CAPLUS, BIOSIS' ENTERED AT 11:42:35 ON 16 MAR 2005
L1        .57719 S BIPHASIC
L2       1236100 S ELECTRIC?
L3          512 S L1 (S) L2
L4           48 S L3 AND CHANNEL?
L5           45 DUP REMOVE L4 (3 DUPLICATES REMOVED)
L6           31 S L5 AND STIMULAT?
L7           31 DUP REMOVE L6 (0 DUPLICATES REMOVED)
L8            6 S L3 (S) CHANNEL?
L9            6 DUP REMOVE L8 (0 DUPLICATES REMOVED)
L10         992 S L1 (S) (CURRENT OR CURRENTS)
L11         126 S L10 AND ION CHANNEL?
L12         365 S L1 (2A) (CURRENT OR CURRENTS)
L13          42 S L12 AND ION CHANNEL?
L14          33 DUP REMOVE L13 (9 DUPLICATES REMOVED)
L15           8 S 29 ABS
L16          33 S L14
L17          42 S L12 AND ION CHANNEL?
L18          33 DUP REMOVE L17 (9 DUPLICATES REMOVED)
L19         154 S L12 AND CHANNEL?
L20          99 S L19 AND ACTIVAT?
L21           3 S L12 (S) CHANNEL? (S) ACTIVAT?
L22         105 S BIPHASIC (S) CHANNEL? (S) ACTIVAT?
L23          11 S L22 AND ELECTRIC?
L24          10 DUP REMOVE L23 (1 DUPLICATE REMOVED)
L25           0 S BIOPHASIC (S) (CURRENT OR CURRENTS OR WAVE? OR FIELD? OR ELEC
L26           0 S BIOPHASIC (S) (CURRENT OR CURRENTS OR WAVE? OR FIELD? OR ELEC
L27          98 S BIPHASIC (S) (CURRENT OR CURRENTS OR WAVE? OR FIELD? OR ELECT
L28          74 S L27 AND (ACTIVAT? OR STIMULAT?)
L29          28 S L27 (S) (ACTIVAT? OR STIMULAT?)
L30          21 DUP REMOVE L29 (7 DUPLICATES REMOVED)
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(FILE 'HOME' ENTERED AT 13:50:19 ON 16 MAR 2005)

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        FILE 'CAPLUS, BIOSIS' ENTERED AT 13:50:29 ON 16 MAR 2005
L1         338 S BIPHASIC WAVEFORM?
L2           5 S L1 (S) CHANNEL?
L3           4 DUP REMOVE L2 (1 DUPLICATE REMOVED)
L4         447 S BIPHASIC (2A) WAVEFORM?
L5           7 S L4 (S) CHANNEL?
L6           6 DUP REMOVE L5 (1 DUPLICATE REMOVED)
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("40725784514500044613044628933 46779894969468502423351781615 18709654053675432086543944055 45130556306755711585810725585 58015935155595795859654525981 26860080386009347602470260317 11603847860460026051422606326 06099960620501663762334801543 51941335643742").PN.	USPAT	OR	OFF	2005/03/16 17:17
L2	694	"4072578" "4514500" "4461304" "4628933" "4677989" "4969468" "5024233" "5178161" "5187096" "5405367" "5432086" "5439440" "5545130" "5563067" "5571158" "5810725" "5855801" "5935155" "5957958" "5965452" "5981268" "6008038" "6009347" "6024702" "6031711" "6038478" "6046002" "6051422" "6063260" "6099960" "6205016" "6376233" "4801543" "5194133" "5643742"	USPAT	OR	OFF	2005/03/16 17:22
L3	35	("4072578" "4514500" "4461304" "4628933" "4677989" "4969468" "5024233" "5178161" "5187096" "5405367" "5432086" "5439440" "5545130" "5563067" "5571158" "5810725" "5855801" "5935155" "5957958" "5965452" "5981268" "6008038" "6009347" "6024702" "6031711" "6038478" "6046002" "6051422" "6063260" "6099960" "6205016" "6376233" "4801543" "5194133" "5643742").pn.	USPAT	OR	OFF	2005/03/16 17:22
S1	1	("6686193").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 13:52
S2	2	(("6686193") or ("6376233") or ("6376233")).PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 14:13
S3	1	("4695547").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 14:15
S4	2	(("4695547") or ("4699881")).PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 14:17
S5	3	(("4695547") or ("5129257") or ("5128257")).PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 14:18
S6	1	("5422272").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 14:18
S7	1	("6352853").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 14:25
S8	1	("20020045159").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 14:45

S9	1	("20020025568").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 14:51
S10	1	("20040180426").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/14 15:37
S11	32077	(ion or sodium or calcium or chloride or potassium or $12gated) adj channel$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/14 17:37
S12	226485	electric$8 adj field$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/14 15:49
S13	5155	(transmembrane or membrane) adj potential$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/14 15:50
S14	13	S11 with S12 with S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/14 16:12
S15	21	(S12 with S11) same potential$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/14 16:18
S16	10736	S11 with (drug$1 or modulator$1 or activator$1 or inhibitor$1 or compound$1 or candidate$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/14 16:19
S17	23	S16 same S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/14 16:19
S18	3	"9641166"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/14 17:37
S19	1	("6057114").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/15 11:13
S20	1	"10771283"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 11:13
S21	4	"6376233"	US-PGPUB; USPAT	OR	ON	2005/03/15 16:31
S22	10	((ion adj channel$1) with well$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:32

S23	11	((ion adj channel$1) same well$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:33
S24	0	((ion adj channel$1) same microtiter$12).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:33
S25	4	((ion adj channel$1) same throughput).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:35
S26	356	((channel$1) same throughput).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:35
S27	22	((ion adj channel$1) and throughput).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:37
S28	52	((ion adj channel$1) and $12well$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:37
S29	8	("6287758").URPN.	USPAT	OR	ON	2005/03/15 16:48
S30	6	("5611035" | "5616502" | "5804436" | "5919646" | "5955604" | "6001579").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/15 16:58
S31	0	((ion adj blocker$1) with well$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:58
S32	0	((ion adj blocker$1) same well$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:58
S33	0	((ion adj blocker$1) and well$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 16:58
S34	24	((channel adj blocker$1) and well$1).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:02
S35	219	(ion adj channel$1) with $10throughput	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:03

S36	97	S35 same well$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:04
S37	76	S35 same microtiter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:04
S38	28	S35 same candidate$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:05
S39	9	S35 same blocker$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:59
S40	62	vipr	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:45
S41	17	vipr with probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:45
S42	25	voltage/ion adj probe adj reader	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:46
S43	33	ion adj probe adj reader	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:46
S44	84	kinetic adj plate adj reader	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 17:46
S45	1370	(channel adj blocker$1) same (microtiter or microplate or $8well$1 or $20throughput)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 18:41
S46	437	(channel adj blocker$1) with (microtiter or microplate or $8well$1 or $20throughput)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 18:44
S47	26	(channel adj blocker$1) with (microtiter or microplate or $8wells or $20throughput)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 19:41

S48	46	(sodium adj channel$1) with (microtiter or microplate or $8wells or $20throughput)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 20:26
S49	2	"20050003367"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/15 20:26
S50	1	("20040191757").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/16 11:36